

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	46376	(storage NEAR4 controller\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 16:22
S4	777	S3 AND "707"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 16:25
S3	14721	(storage ADJ2 controller\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 16:27
S6	80	S5 AND ("707"/\$.ccls. "709"/\$.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 16:33
S5	270	S3 AND (storage ADJ2 node\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 16:18
S7	1430	(storage ADJ1 controller\$1) AND (storage\$1 NEAR8 processor\$1 NEAR8 device\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 16:19
S9	12	S8 AND "707"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 16:19
S8	53	S7 AND (storage\$1 NEAR10 (network\$1 NEAR4 address\$2))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 16:22

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S10	14	S8 AND (map\$4 NEAR4 (network\$1 NEAR4 address\$2))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 16:27
S11	10	("6574641" "6507883" "20040078465" "20040078466" "5870537").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 16:29
S12	51	((storage\$1 NEAR4 (manager\$1 controller\$1)) AND (storage\$1 NEAR4 (node\$1 computer\$1)) AND (map\$4 NEAR4 address\$2)).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 16:53
S14	54	S13 NOT S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 17:12
S15	1	"20040088297".pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 15:50
S16	45412	("707"/\$.ccls. "709"/\$.ccls. "718"/\$.ccls.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 15:51
S17	97422	("707"/\$.ccls. "709"/\$.ccls. "718"/\$.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/13 20:15
L1	97422	("707"/\$.ccls. "709"/\$.ccls. "718"/\$.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/13 20:19
L2	6252	1 AND (storage\$1 NEAR4 (manager\$1 controller\$1))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/13 20:19

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L3	480	2 AND (storage\$1 NEAR4 (node\$1 computer\$1)) AND ((conver\$5 chang\$4 translat\$4) NEAR4 address\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/13 20:20
S13	67	((storage\$1 NEAR4 (manager\$1 controller\$1)) AND (storage\$1 NEAR4 (node\$1 computer\$1)) AND ((conver\$5 chang\$4 translat\$4) NEAR4 address\$2)).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/13 20:20
L4	26	3 AND ((conver\$5 chang\$4 translat\$4) NEAR4 (address\$2 NEAR4 internet))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/13 20:21

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Title:, **Storage controller** providing store-and-forward mechanism in **distributed** data **storage** system. Document Type and Number:, United States Patent 6282610 ...  
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A **distributed storage** area network contains many geographically-dispersed disk drive networks. All the networks are treated as one unit and are connected by ...  
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Leonardo Chwif, Marcos Ribeiro Pereira Barreto

December 2003 **Proceedings of the 35th conference on Winter simulation: driving innovation WSC '03****Publisher:** Winter Simulation ConferenceFull text available:  [pdf\(485.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

As the focus of the teaching-learning process moves from teaching to learning, the need for a better understanding by teachers of the psychology of learning increases in relevance.

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 Albert Chang, Mark F. Mergen

February 1988 **ACM Transactions on Computer Systems (TOCS)**, Volume 6 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(1.87 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Based on novel architecture, the 801 minicomputer project has developed a low-level storage manager that can significantly simplify storage programming in subsystems and applications. The storage manager embodies three ideas: (1) large virtual storage, to contain all temporary data and permanent files for the active programs; (2) the innovation of database storage, which has implicit properties of access serializability and atomic update, similar to those o ...

### 2 [Storage challenge: Storage challenge---Trading memory for disk: using parallel](#)

 [access to fast InfiniBand disk arrays for large computational chemistry applications](#)

Troy Benjegerdes, Brett Bode, Kyle Schochenmaier

November 2006 **Proceedings of the 2006 ACM/IEEE conference on Supercomputing SC '06**

Publisher: ACM Press

Full text available:  [html\(2.19 KB\)](#) Additional Information: [full citation](#), [abstract](#)

We present a novel approach for using high performance network attached parallel storage for out-of-core computation. Our approach utilizes many parallel disks and storage controllers with a near 1:1 ratio of compute nodes to storage servers. This, when combined with 30 Gigabit 12X InfiniBand interconnects, allows remote storage subsystem bandwidth to reach the same performance level as local memory-cache file I/O performance. This combination allows computational chemistry application problem s ...

### 3 [Storage performance virtualization via throughput and latency control](#)

 Jianyong Zhang, Anand Sivasubramaniam, Qian Wang, Alma Riska, Erik Riedel

August 2006 **ACM Transactions on Storage (TOS)**, Volume 2 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(523.67 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

I/O consolidation is a growing trend in production environments due to increasing complexity in tuning and managing storage systems. A consequence of this trend is the need to serve multiple users and/or workloads simultaneously. It is imperative to ensure


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